

# *Inchcape Testing Services - Radiated Emissions Data Sheet*

COMPANY: LUMONICS CORPORATION  
 EUT: LASER MARKING EQUIPMENT  
 MODEL: LIGHTWRITER CO2  
 PROJECT: 104053  
 DATE: 9/22/95  
 ENGINEER: RICHARD LEE

## **EN55011 CLASS B RADIATED EMISSION (3 m)**

FREQ.	READING	Cor. Fac.	ANT POL.	CRD. RDG.	LIMIT	DELTA
MHz	dB(uV)	dB(1/m)	(H/V)	dB(uV/m)	dB(uV/m)	dB
33.3	26.1	12.5	V	38.6	39.5	-0.9
44.8	40.2	11.3	V	51.5	39.5	12.0
44.3	35.6	11.3	V	46.9	39.5	7.4
46.5	52.2	11.3	V	63.5	39.5	24.0
47.2	51.3	11.3	V	62.6	39.5	23.1
48.6	51.1	11.3	V	62.4	39.5	22.9
* 50.3	52.1	11.3	V	63.4	39.5	23.9
51.3	46.4	11.3	V	57.7	39.5	18.2
128.9	30.6	13.6	H	44.2	39.5	4.7
157.5	34.6	14.3	H	48.9	39.5	9.4
* 171.9	31.5	15.1	H	46.6	39.5	7.1
211.3	31.8	12.4	H	44.2	39.5	4.7
215.0	32.9	12.4	H	45.3	39.5	5.8
232.8	24.9	12.8	H	37.7	46.5	-8.8
250.6	32.8	12.8	H	45.6	46.5	-0.9
257.9	32.9	12.8	H	45.7	46.5	-0.8
275.4	37.4	13.2	H	50.6	46.5	4.1

NOTE: ALL MEASUREMENTS WERE MADE AT 3 METERS  
 NEGATIVE SIGNS (-) SIGNIFY LEVELS BELOW THE LIMITS

FREQ TO CHECK

25 MHz - DRIVE COVERED

50 - STAYS ALWAYS

75 -

150 } LOCAL RADIO  
 160 }

110

122

127

135

140

170

P

